2-9-1988

UD's Society of Physics Students Receives Grant to Study Digital Holography

Follow this and additional works at: https://ecommons.udayton.edu/news_rls

Recommended Citation
https://ecommons.udayton.edu/news_rls/4883

This News Article is brought to you for free and open access by the Marketing and Communications at eCommons. It has been accepted for inclusion in News Releases by an authorized administrator of eCommons. For more information, please contact frice1@udayton.edu, mschlangen1@udayton.edu.
UD'S SOCIETY OF PHYSICS STUDENTS RECEIVES GRANT TO STUDY DIGITAL HOLOGRAPHY

DAYTON, Ohio, February 9, 1988--The University of Dayton's chapter of the Society of Physics Students has received a grant to study digital holography.

UD's chapter is one of only four in the U.S. and Canada to receive funding from the Allied Awards Program of the National Society of Physics Students, according to John E. Erdei, an assistant professor of physics and advisor to the 13-member undergraduate society. Students Timothy P. Grayson, of Oakwood, and Christopher M. Graney, of Auburn, Ala., wrote the winning proposal.

The $980 grant will be used to buy light-sensitive equipment to conduct research for a project entitled, "Holograms Without Film: Digital Holography." Holography is the process of using lasers to record three-dimensional images on film. The students' research will concentrate on ways to use a computer to store holograms. They hope to submit a paper on their work to the Journal of Undergraduate Research in Physics later this year.

Besides UD, the student chapters at Oklahoma State University, Southwestern Oklahoma State University and Utah State University received grants for 1988. There are 545 chapters throughout the U.S. and Canada.

For further information, call John Erdei, UD Department of Physics, at 229-2311.

-30-